

From owner-qrp-l@netcom.com Mon May 22 02:09:22 1995
Date: Sun, 21 May 1995 21:09:22 -0500 (CDT)
From: Adrian Weiss W0RSP English Department <AWEISS@charlie.usd.edu>
Subject: <didn't bother with a subject>
Message-Id: <950521210922.2549a@charlie.usd.edu>

unsubscribe

From qrp-l@lehigh.edu Mon May 22 20:25:35 1995
Message-Id: <95May22.162455edt.14522-2+109@hooch.CC.Lehigh.EDU>
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: Administrivia
Date: Mon, 22 May 1995 16:25:35 EDT

Gang,

The deed is done. You should have a Reply-to: pointing to the From: address, which should cause any well-behaved mailer to reply to the original author. My apologies for all the confusion.

Please send any further comments about mail headers to Chuck or I. Your fellow QRP-L'ers will thank you :-)

/jim

From qrp-l@lehigh.edu Mon May 22 11:42:46 1995
Message-Id: <Pine.3.89.9505220725.A543478579-01000000@utkvx.utk.edu>
From: cebik@UTKVX.UTCC.UTK.EDU
Subject: ANTENNA Book List, Beta Version 0.2
Date: Mon, 22 May 1995 07:42:46 EDT

Below is the beta version of 1 of 2 book lists compiled for storage and access at sites where QRP-related information may be obtained. At this stage of development, I need your help.

Please read the list and, if you can, provide me with the following (even if you happen to know only one small item out of the following):

1. Data fills, such as missing ISBN #s, # of pages, current price, etc.
2. Worthy additions, if you have data on them: please use the format of the entries on the list.

Please send the additions and corrections directly to me:
cebik@utkvx.utk.edu. DO NOT SEND ADDITIONS AND CORRECTIONS TO THE LIST.

Please send me ONLY the corrections and additions. DO NOT SEND THE
ENTIRE LIST BACK TO ME. (I already have a copy.)

To understand the rationale for breaking the book list into 2 parts and
subdividing each as you find it, please read the preamble to each list.

These lists are awaiting your input before being sent to at least 2
sites for posting. I anticipate completing the work no later than June
1, 1995. My thanks in advance for your help.

-73-
LB, W4RNL

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Antenna Books of Interest to QRP Enthusiasts	Version 0.2
	May 20, 1995
Compiled by L. B. Cebik, W4RNL	e-mail: cebik@utkvx.utk.edu

Contents: This file contains basic information on antenna books of
especial interest to QRP enthusiasts. It lists books on Basic Antenna
References and Texts; Wire Antennas; Beam and Yagi Antennas; Quads;
Vertical Antennas; Miscellaneous Antenna Projects; Antenna Testing and
Experimenting; and Transmission Lines and Matching

This list is restricted to books on antennas, because there are so
many of them. Books on more general aspects of electronics and
operating for QRP enthusiasts and periodicals of interest to QRP
enthusiasts will be found in separate listings.

Each entry in this book list provides the following information:
author, title, publisher, year of publication, cost, ISBN #, numbers
of pages, and a brief description of the contents.

The individual items in this list are believed to be reasonably
complete and accurate as of the date of this notice. Corrections and
additions may be e-mailed to me at the listed address. I shall be
pleased to add to the list any publication omitted if it is of high
interest to QRP operators and builders. And, of course, I shall be
pleased to correct any errors and update the information listed.

Permission to reproduce this list is hereby granted on condition that
a full reference to its source is included.

Good reading, good building, and good operating to you.

L. B. Cebik, W4RNL

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Books of Interest to QRP Enthusiasts

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Basic Antenna References and Texts

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Author: R. Dean Straw, N6BV, Ed.
Title: The ARRL Antenna Book
Publisher: ARRL
Year: 1994
Cost: \$30.00
ISBN #: 0-87259-473-4
Pages: 736 plus diskette
Contents: The largest amateur antenna reference book, covering basic theory, many antenna types, transmission lines, and allied information, with many practical designs to construct.

Author: Richard C. Johnson
Title: Antenna Engineering Handbook, 3rd Ed.
Publisher: McGraw-Hill
Year: 1993
Cost: \$110.00
ISBN #: 0-07-032381-X
Pages: 1000+
Contents: A comprehensive engineering reference on antenna types and design methods, applications from low frequencies to radio-telescopes, and associated topics, including transmission lines, radomes, and materials.

Author: John D. Krauss
Title: Antennas, 2nd Ed.
Publisher: McGraw-Hill
Year: 1988
Cost: \$90.00
ISBN #: 0-07-032xxx-x
Pages: 892
Contents: A classic engineering reference on antenna theory and design, including a wide range of applications, with extensive bibliographical references.

Author: Joseph J. Carr

Title: Practical Antenna Handbook, 2nd Ed.
 Publisher: McGraw-Hill: TAB
 Year: 1994
 Cost: \$35.00
 ISBN #: 0-07-011104-9
 Pages: 560
 Contents: A handbook of fundamental concepts, formulas, and practical antenna designs, including muti-band wires, hidden and limited space antennas, VHF/UHF/microwave designs, and mobile/maritime/emergency antennas

Author: William I. Orr, W6SAI, and Stuart D. Cowan, W2LX
 Title: Antenna Handbook
 Publisher: Radio Amateur Callbook
 Year: ---
 Cost: \$11.95
 ISBN #: 0-8230-870x-x
 Pages: ---
 Contents: An overview with dimensions of many antenna types, including verticals, horizontals, quads, deltas, slopers, quagis, and log-periodics, with information on transmission lines, SWR meters, wind loading and hazards.

Author: L. A. Moxon, G6XN
 Title: HF Antennas for All Locations, 2nd Ed.
 Publisher: RSGB
 Year: 1993
 Cost: \$20.00
 ISBN #: 1-872309-15-1
 Pages: 322
 Contents: Basic ideas and detailed contruction data on many antenna types, especially for small "gardens" (yards), with evaluations of both recommended and disrecommended types; includes the "Moxon rectangle."

Author: J. M. Haerle, WB5IIR
 Title: The Easy Way: HF antenna Systems
 Publisher: Overtones, Inc.
 Year: 1984
 Cost: \$12.00
 ISBN #: ---
 Pages: 109
 Contents: No-nonsense information on antenna fundamentals, basic wire antennas, special antennas--such as the sloper, DSRR, Beverage, and folded unipole--beam antennas, and 160-meter antennas. tuners and SWR bridges.

Author: Lew McCoy, W1ICP
Title: Lew McCoy on Antennas
Publisher: CQ
Year: 1994
Cost: \$15.95
ISBN #: 0-943016-08-8
Pages: 111
Contents: Basic concepts of antennas and matching written in the style of an experienced writer for beginners, but includes numerous recent designs and advances.

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Wire Antennas
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Author: William I. Orr, W6SAI, and Stuart D. Cowan, W2LX
Title: Simple, Low-Cost Wire Antennas for Radio Amateurs
Publisher: Radio Amateur Callbook
Year: ---
Cost: \$11.95
ISBN #: 0-8230-870x-x
Pages: ---
Contents: Instructions for building tested wire antennas for 2 through 160 meters, including horizontal, vertical, multi-band trap, and beam antennas, with information on matching systems, and ground systems.

Author: John D. Heys, G3BDQ
Title: Practical Wire Antennas
Publisher: RSGB
Year: 1989
Cost: \$14.00
ISBN #: 0-900612-87-8
Pages: 100
Contents: Practical aspects of wire antennas, from theory to buying or building them, including Marconis, Windoms, loops, dipoles, with a chapter on matching systems.

Author: Erwin David, G4LQI, Ed.
Title: HF Antenna Collection
Publisher: RSGB
Year: 1991
Cost: \$18.00
ISBN #: 1-872309-08-9
Pages: 233
Contents: Articles from RSGB's Radio Communication, covering single and multi-element horizontal and vertical

antennas, including some very small types, as well as feed systems and antenna tuners.

Author: Edward M. Noll, W3FQJ
Title: 73 Dipole and Long-Wire Antennas
Publisher: MFJ
Year: ---
Cost: \$12.95
ISBN #: ---
Pages: ---
Contents: A collection of tested wire antennas needing a minimum of tools for building and testing, ranging from the dipole to the rhombic.

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Beam and Yagi Antennas
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Author: James L. Lawson, W2PV
Title: Yagi Antenna Design
Publisher: ARRL
Year: 1986
Cost: \$15.00
ISBN #: 0-87259-041-0
Pages: 210
Contents: Yagi performance calculations and optimization, ground effects, stacking, and practical designs from simple to very long.

Author: William I. Orr, W6SAI, and Stuart D. Cowan, W2LX
Title: Beam Antenna Handbook
Publisher: Radio Amateur Callbook
Year: 1990
Cost: \$11.95
ISBN #: 0-8230-8704-2
Pages: 268
Contents: Comprehensive look at HF and VHF Yagis, including matching, building, antenna erection, and antenna system evaluation.

Author: David B. Leeson, W6QHS
Title: Physical Design of Yagi Antennas
Publisher: ARRL
Year: 1992
Cost: \$20.00
ISBN #: 0-87259-381-9
Pages: 325
Contents: Designing and reinforcing Yagi antennas to survive 120

mph winds, including structural design of elements,
booms, and masts.

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Quads
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Author: Bob Haviland, W4MB
Title: The Quad Antenna: A Comprehensive Guide to the
Construction, Design, and Performance of Quad Antennas
Publisher: CQ
Year: 1993
Cost: \$15.95
ISBN #: 0-943016-05-3
Pages: 159
Contents: A comprehensive look at the concepts of the design and
construction of quad and other loop antennas, including
tips on optimizing quad designs.

Author: William I. Orr, W6SAI, and Stuart D. Cowan, W2LX
Title: Cubical Quad Antennas, 3rd Ed.
Publisher: Radio Amateur Callbook
Year: 1993
Cost: \$11.95
ISBN #: 0-8230-8703-4
Pages: 109
Contents: History, characteristics, design demension,
construction, and tuning of mult-element quads, with
chapters on feed systems and quad variants.

=====
Vertical Antennas
=====

Author: Paul H. Lee, N6PL
Title: The Vertical Antenna Handbook
Publisher: CQ
Year: ---
Cost: \$9.95
ISBN #: 0-943016-xx-x
Pages: ---
Contents: Basic theory, design, and practice of vertical
antennas, including grounds and construction of both
simple and multi-element arrays; a classic.

Author: William I. Orr, W6SAI, and Stuart D. Cowan, W2LX
Title: All About Vertical Antennas

Publisher: Radio Amateur Callbook
Year: ---
Cost: \$11.95
ISBN #: 0-8230-870x-x
Pages: ---
Contents: A compendium of 52 vertical antenna designs, including Marconis, multi-band verticals, phased arrays, shunt-fed towers, and vertical oops, with information on ground, matching systems, loading coils, and TVI.

Author: Edward M. Noll, W3FQJ
Title: 73 Vertical, Beam, and Triangle Antennas
Publisher: MFJ
Year: ---
Cost: \$12.95
ISBN #: ---
Pages: ---
Contents: A collection of vertical antennas and phased and parasitic arrays, including end-fire, broadside, and colinear arrays.

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Miscellaneous Antenna Projects
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Author: George Dobbs, G3RJV, Ed.
Title: The G-QRP Club Antenna Handbook
Publisher: (available from N8ET, Kanga USA, 3521 Spring Lake Dr., Findlay, OH 45840)
Year: ---
Cost: \$12.00
ISBN #: ---
Pages: 155
Contents: A collection of all the antenna articles in SPRAT's first 68 issues, including ATUs and test equipment, HF beam, wire, and vertical antennas, Loop and restricted site antennas, and VHF antennas, with additional information in appendices.

Author: Jerry Hall or Dean Straw
Title: Antenna Compendium, Vol. 1, 2, 3, & 4
Publisher: ARRL
Year: 1990-95
Cost: \$10-20
ISBN #: 0-87259-xxx-x
Pages: varies according to volume number
Contents: Collections of articles on antenna types, designs, modeling, construction, impedance matching, and other

aspects of Hf, VHF, and UHF antennas.

Author: Doug Demaw, W1FB
Title: W1FB's Antenna Notebook
Publisher: ARRL
Year: 1987
Cost: \$10.00
ISBN #: 0-87259-xxx-x
Pages: 136
Contents: How to get the best performance from unobtrusive wire and vertical antennas and how to build simple antenna

Author: John Devoldere, ON4UN
Title: Antennas and Techniques for Low Band DXing, 2nd Ed.
Publisher: ARRL
Year: 1994
Cost: \$20.00
ISBN #: 0-87259-xxx-x
Pages: 400
Contents: Antenna designs and software for DXing on 40, 80, and 160 meters, with operating tips and strategies.

Author: Frank Hughes, VE3DQB
Title: Hidden Ham Antennas
Publisher: ---
Year: ---
Cost: \$12.95
ISBN #: ---
Pages: ---
Contents: A collection of ideas for small and hidden antennas for HF, VHF, and UHF.

Author: Larry Luchi, W7KZE
Title: The Technician Antenna Handbook
Publisher: MFJ
Year: ---
Cost: \$12.95
ISBN #: ---
Pages: ---
Contents: Beginners book of antennas using easily available materials.

=====
Antenna Testing and Experimenting
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Author: Peter Dodd, G3LDO
Title: The Antenna Experimenter's Guide

Publisher: (available from N8ET, Kanga USA, 3521 Spring Lake Dr.,
Findlay, OH 45840)
Year: ---
Cost: \$15.00
ISBN #: ---
Pages: 200
Contents: Focuses on antenna measurements, including resonance,
impedance, field strength, and antenna performance, wit
information on antenna modeling, masts and materials,
and experimental antennas.

Author: Ralph Tyrrell, W1TF
Title: MFJ Troubleshooting Antennas
Publisher: MFJ
Year: ---
Cost: \$12.95
ISBN #: ---
Pages: ---
Contents: An overview of tests to evaluate antenna performance.

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Transmission Lines and Matching
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Author: Walt Maxwell, W2DU
Title: Reflections: Transmission Lines and Antennas
Publisher: ARRL
Year: 1990
Cost: \$20.00
ISBN #: 0-87259-299-5
Pages: 388
Contents: Information on transmission lines, matching networks,
and Smith chart use mixed with the correction of myths
in amateur circles about SWR, reflected power, and
antenna tuners.

Author: Wilfred Caron
Title: Antenna Impedance Matching
Publisher: ARRL
Year: 1989
Cost: \$20.00
ISBN #: 0-87259-220-0
Pages: 200+
Contents: How to use Smith charts to develop both simple and
complex matching networks, with detailed examples to
guide the new Smith chart user.

Author: Wes Hayward, W7ZOI

Title: ARRL MicroSmith, V. 2.00 (Software)
Publisher: ARRL
Year: 1992
Cost: \$39.00
ISBN #: 0-87259-407-6
Pages: 48 (Instruction Booklet)
Contents: Smith chart simulation program for PCs to design networks with fixed or variable L-C components, with graphic screen outputs.

Author: Jerry Sevick, W2FMI
Title: Transmission Line Transformers, 2nd Ed.
Publisher: ARRL
Year: 1990
Cost: \$20.00
ISBN #: 0-87259-296-0
Pages: 247
Contents: The fundamental textbook on the theory, design, and construction of transmission line transformers.

Author: Jerry Sevick, W2FMI
Title: Building and Using Baluns and Ununs
Publisher: CQ Communications
Year: 1994
Cost: \$19.95
ISBN #: ---
Pages: ---
Contents: Construction and application of practical transmission line transformers based on a series of articles in CQ.

Author: Roger R. Block
Title: The Grounds for Lightning and EMP Protection, 2nd Ed.
Publisher: PolyPhaser Corporation
Year: 1993
Cost: \$21.95
ISBN #: ---
Pages: 95
Contents: Basic concepts of grounding and lightning protection from a leading manufacturer of protection materials and equipment.

From qrp-1@lehigh.edu Tue May 23 04:06:26 1995
Message-Id: <Pine.SUN.3.91.950522205832.15154C-100000@crl8.crl.com>
From: H Smith <hbs@crl.com>

Subject: Re: Antenna for QRP???

Date: Tue, 23 May 1995 00:06:26 EDT

On Mon, 22 May 1995, Mike White wrote:

> What's a good antenna for QRP portable/mobile use?
> (geez, this question must have come up a gazillion times)
> I'm currently looking at one of the Outbackers, but that's
> a pretty big chunk of change. Opinions?
>

I have always used the bug catcher variety. But they can be expensive, anywhere from \$120 to \$250.

I have heard a lot of good signals coming from the Ham Sticks. At about \$20, you can't beat it.

CUL,

Smitty, NA5K/m

Henry Smith (hbs@crl.com)

From qrp-l@lehigh.edu Mon May 22 21:41:15 1995
Message-Id: <n1410961695.1625@msmailgw1.arlut.utexas.edu>
From: "rohre" <rohre@arlut.utexas.edu>
Subject: Antennas: Outbacker answers
Date: Mon, 22 May 1995 17:41:15 EDT

de Stuart, K5KVH
for Mike White and anyone who has wondered:

The fullsize Outbacker is a nice antenna, but heavy for putting on available trunk lip mounts. I am experimenting with a big Comet mount, and an adapter from GLA Systems, which is a 3/8 -24 female to insulated washers, and coax lug mount. It measures close to 50 ohms, and you can cover all bands with one length and the plug in coil shorting lead. It is not cheap. It does not give the signal a Hustler will give with longer whips. If you mount off a bumper, you need to get the Antenna clear of the metal of the trunk, like any ham mobile antenna. Maybe use a short Hustler rod, then an insulated double 3/8-24 coupling, and make the coax lace to the elevating rod, so it goes up to connect to the bottom of the Outbacker.

If I were to do it over, especially on the issue of low profile, and lightness, I think I would get some of those single band fiberglass whips out of South Carolina. Might take a little longer to swap bands, and a tool, but you could color code with tape the band vs. color to ease having a bunch of the whips in your trunk. Of course, some will say, having to carry a bunch of those whips around would be a downside. Mine was for a combination portable and mobile application, and it is hard to beat having only one antenna to do all bands, with a low profile for that specific purpose.

Someone measured the output from the Outbacker and some of the other multiband antenna ideas. The Outbacker is never going to do as well as the GLA Systems Bug Catcher type large coil antennas. Nor will it likely beat the DK-3 or Screwdriver type mobiles, if they are made with larger diameter coils. (Maybe a U.S. source should try an airfoil shaped "Outbacker" style whip that has a jumper lead to select bands, or even a bandswitch!)

Remember, shorter antennas will just not do as well as a longer one, but in a mobile the difference will be slight, as any are compromise antennas.

Anyone try the short Outbacker that is on this list?

--Stuart

rohre@arlut.utexas.edu

From qrp-1@lehigh.edu Tue May 23 03:30:44 1995
Message-Id: <9505230328.AA04035@kahuna.math.hawaii.edu>
From: jeffrey@math.hawaii.edu (Jeffrey Herman)
Subject: CB to 12 or 10M (again)
Date: Mon, 22 May 1995 23:30:44 EDT

QRP Gang,

Once a year or so someone (such as myself) starts a cb-to-ham band thread. This year how about discussing a transverter, using a cb rig as an IF (just for xmt-only - we've already got rcvrs).

Has anyone seen a design specifically for 10, 12, or even 15M?
Our local RS store is selling 40 channel CBs for \$20; these are (next to) impossible to convert internally. Seems a waste not to do *something* with one of these pups.

Wouldn't it be great if RS sold ham band xcvs for \$20? Geez, I'd get one for each band. (note the \$20 rigs are factory-repaired jobs - returned under warrantee by the customer.)

73 from Hawaii,

Jeff NH6IL

From qrp-1@lehigh.edu Mon May 22 18:33:39 1995
Message-Id: <950522143205_127809848@aol.com>
From: N5EM@aol.com
Subject: Computer Logging
Date: Mon, 22 May 1995 14:33:39 EDT

Well, its just about Field Day! How about some advice from those experienced FDer's who have been using their laptops for logging, duping during FD.

I have heard of several programs available, but have never used any of them. We will have at least 3 positions going this year (HF, satellites, and packet), all QRP!

Mike Bryce mentioned in his 73 column this month (June) that he prefers a shareware logging program that runs in MS Dos. Unfortunately, he neglected to mention the NAME of the program or where it can be downloaded.

Requirements are simple. Needs to log, dupe and compile summary pages for submission after the contest. Duping needs to be FAST! And, since there are lots of 8086 and 80286 based notebooks/laptops out there that won't run windows (please, no splitting hairs here, run as in run well), it should be DOS based.

I have read about CT, but never had the environment to use it before. Anyone have experience with this combined computer program, keying system? Would it be suitable for field day? And, what is the going price?

You able and wise council is hereby solicited.

72
Ed Manuel, N5EM
n5em@aol.com

From qrp-1@lehigh.edu Mon May 22 18:49:19 1995
Message-Id: <Pine.SV4.3.91.950522144944.22461F-1000000@atl1.america.net>
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: Re: Computer Logging
Date: Mon, 22 May 1995 14:49:19 EDT

Ed, Have you heard of WR9R? It is a great little FD logging prog and dupes like lightning. In fact it can show partials etc very fast. It also is easy to finish up afterwards. The latest version (shareware) I have is a couple years old. About the only thing I don't like is the somewhat jerky CW is you hv the computer send for you. CT is a much better on CW and a bit better overall once you get the hang of it, but it is more complicated to understand and for all the ops to just come in and figure it out on the fly during the event.

I think WR9R is on the FTP sites. If not, let me know and I will get it to you somehow.

73/72/jim/w4qo

From qrp-1@lehigh.edu Mon May 22 19:42:36 1995
Message-Id: <199505221941.AA03908@cardamom.unx.sas.com>
From: "Warren E. Lewis" <saswel@unx.sas.com>
Subject: Re: Computer Logging
Date: Mon, 22 May 1995 15:42:36 EDT

Ed,

----- N5EM@aol.com writes -----

>

> Well, its just about Field Day! How about some advice from those experienced
> FDer's who have been using their laptops for logging, duping during FD.

>

> I have read about CT, but never had the environment to use it before. Anyone
> have experience with this combined computer program, keying system? Would it
> be suitable for field day? And, what is the going price?

CT works great!!! I had the pleasure of using CT last year for the first time at FD and right after immediately went out and bought a copy. The new 486 version (Version 9) will put you back \$79, but the old 286/386 version (Version 8) is only \$69.

CT works very quickly and was so much easier than paper logging that I did the year before. One negative is the fact that its slowest keying speed is 22 wpm. Last year, that was a bit fast for me as I was only a General.

There are some other good shareware and freeware programs that only do logging no keying. The ARRL BBS has one

and AOL Ham radio file area has a good many FD logging programs. Check out NA by K8CC...I believe it supports FD as well.

Good hunting and hope to work you as W4DW on 20M CW this FD.

- Warren

--

Warren E. Lewis
Technical Support Division
SAS Institute Inc.
Cary, NC

saswel@unx.sas.com
(919) 677-8001 x6542
PP-ASEL
AD4ZE DOD#0021

From qrp-1@lehigh.edu Mon May 22 20:42:33 1995
Message-Id: <2FC1131D@MSMAIL.INDY.TCE.COM>
From: Johnson Russ <JohnsonR@ind2.indy.tce.com>
Subject: Re: Computer Logging
Date: Mon, 22 May 1995 16:42:33 EDT

> Geeeeesh, I thought it was to be an pratice run for some
> nasty emergency.

>Wouldn't a broken pencil stub, roll of TP to write on

What?... you mean Field Day in NOT a contest?????

Russ N9RJ
johnsonr@indy.tce.com

From qrp-1@lehigh.edu Tue May 23 03:02:20 1995
Message-Id: <950522230113_128470563@aol.com>
From: BuckN8CQA@aol.com
Subject: Re: Computer Logging
Date: Mon, 22 May 1995 23:02:20 EDT

Ed - have had a lot of success and confidence in the NA program created by K8CC Dave Pruitt. Sold by LTA advertised in QST, CQ, etc. Dave has

made a point of staying compatable with XT's!
Great program has all majors plus some QSo Parties and QRP-ARCI
on the menu, you can also "roll your own contest" with this software.
Allows keying and computer freq control.. If you are interested I can get you
the address and cost.
72/73 Buck N8CQA

From qrp-1@lehigh.edu Mon May 22 17:22:07 1995
Message-Id: <950522132118_127760912@aol.com>
From: PDouglas12@aol.com
Subject: Re: early days....
Date: Mon, 22 May 1995 13:22:07 EDT

Jim, yours is a laugh out loud version of the apparantly universal
experience. Thanks for the chuckle. Preston WJ2V

From qrp-1@lehigh.edu Mon May 22 11:39:50 1995
Message-Id: <Pine.3.89.9505220716.A543478579-01000000@utkvx.utk.edu>
From: cebik@UTKVX.UTCC.UTK.EDU
Subject: ELECTRONICS Book List, Beta Version 0.3
Date: Mon, 22 May 1995 07:39:50 EDT

Below is the beta version of 1 of 2 book lists compiled for storage and
access at sites where QRP-related information may be obtained. At this
stage of development, I need your help.

Please read the list and, if you can, provide me with the following
(even if you happen to know only one small item out of the following):

1. Data fills, such as missing ISBN #s, # of pages, current price, etc.
2. Worthy additions, if you have data on them: please use the format
of the entries on the list.

Please send the additions and corrections directly to me:
cebik@utkvx.utk.edu. DO NOT SEND ADDITIONS AND CORRECTIONS TO THE LIST.

Please send me ONLY the corrections and additions. DO NOT SEND THE
ENTIRE LIST BACK TO ME. (I already have a copy.)

To understand the rationale for breaking the book list into 2 parts and

subdividing each as you find it, please read the preamble to each list.

These lists are awaiting your input before being sent to at least 2 sites for posting. I anticipate completing the work no later than June 1, 1995. My thanks in advance for your help.

-73-

LB, W4RNL

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Electronics Books of Interest to QRP Enthusiasts	Version 0.3
	May 20, 1995
Compiled by L. B. Cebik, W4RNL	e-mail: cebik@utkvtx.utk.edu

Contents: This file contains basic information on electronics books of especial interest to QRP enthusiasts. It lists QRP Operating, Technique, and History Books; Basic Project Books; Advanced Design and Text Books; and General Reference Works. These listings provide something for the beginner through the advanced QRP enthusiast and for both operators, and designer-builders.

Except for certain basic reference works, the list does NOT include standard, general interest amateur radio books. There are many such works that will be of interest to the QRP enthusiast. However, some limit has had to be imposed upon the list to keep it within useful boundaries. For this same reason, books on antennas are not included in this listing: the number of antenna books of interest to QRP enthusiasts is too large.

Periodicals of interest to QRP enthusiasts and antenna books of interest to QRP enthusiasts will be found in separate listings.

Each entry in this book list provides the following information: author, title, publisher, year of publication, cost, ISBN #, numbers of pages, and a brief description of the contents.

Special thanks go to DL8MFQ, WA8MCQ, AK0B, W6EMD, N2CX, and WA6AHL for their assistance in compiling this list.

The individual items in this list are believed to be reasonably complete and accurate as of the date of this notice. Corrections and additions may be e-mailed to me at the listed address. I shall be pleased to add to the list any publication omitted if it is of high interest to QRP operators and builders. And, of course, I shall be pleased to correct any errors and update the information listed.

Permission to reproduce this list is hereby granted on condition that

a full reference to its source is included.

Good reading, good building, and good operating to you.

L. B. Cebik, W4RNL

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Books of Interest to QRP Enthusiasts

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QRP Operating, Technique, and History Books

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Author: Adrian Weiss, WORSP
Title: History of QRP in the U.S., 1924-1960
Publisher: Milliwatt Books (526 N. Dakota, Vermillion, SD 57069)
Year: 1987
Cost: \$15.00 (includes 1st class postage)
ISBN #: 0-9614139-1-3
Pages: 200
Contents: A rigorous but personalized history of QRP by a professional historian and longtime QRPer, with extensive extracts from the original records published in QST and elsewhere.

Author: Adrian Weiss, WORSP
Title: The Joy of QRP
Publisher: Milliwatt Books
Year: 1984
Cost: (out of print)
ISBN #: ---
Pages: 151
Contents: An informal overview of QRP that emphasizes operating, but with a few projects; considered a classic.

Author: Dave Ingram, K4TWJ
Title: How to Get Started in QRP
Publisher: National Amateur Radio Association (NARA)
(P.O. Box 598, Redmond, WA 98073)
Year: 1992
Cost: \$9.95
ISBN #: ---
Pages: 131
Contents: A beginners guide to QRP, touching on operating, commercial and home brew gear, accessories, antennas, VHF/UHF QRP, battery and "natural" power.

Author: Brad Wells, KR7L
Title: Your QRP Operating Companion
Publisher: ARRL
Year: 1992
Cost: \$6.00
ISBN #: 0-87259-376-2
Pages: 96
Contents: An introduction to QRP operating, including ragchewing, DXing, and contesting, with lists of QRP clubs and organizations, as well as net and calling frequencies.

Author: Richard Arland, K7YHA
Title: Low Power Communications, Vol. 1
Publisher: Tiare Publications
(P.O. Box 493, Lake Geneva, WI 53147)
Year: 1992
Cost: \$14.95
ISBN #: 0-936653-33-7
Pages: 93
Contents: A basic book on QRP, focusing on the newcomer to the QRP arena, helping him/her get off on the right foot; includes lots of the author's personal philosophy.

Author: Richard Arland, K7YHA, Ed.
Title: Low Power Communications, Vol. 2
Publisher: Tiare Publications
Year: 1994
Cost: \$19.95
ISBN #: 0-936653-53-1
Pages: 130
Contents: A more advanced volume featuring many top names in the QRP hobby (AA2U, N4BP, WB8VGE, etc.) telling how they pursue various facets of QRP, such as DXing, contesting, DXpeditions, antennas, satellites, milli/microwatting, and solar power.

Author: Richard Arland, K7YHA
Title: Low Power Communications, Vol. 3
Publisher: Tiare Publications
Year: 1995
Cost: \$14.94
ISBN #: 0-936653-66-3
Pages: 95
Contents: Devoted to equipment evaluations: commercial, kit, new, used; how to buy used gear; also includes software and antennas. Author warns: "this book is extremely opinionated." (Vol. 1, 2, & 3 may be available as a

set from the publisher.)

Author: ---
Title: Introducing QRP: The Challenging World of Low Power
Transmission
Publisher: Practical Wireless
Year: 1985
Cost: 1.50 pounds sterling
ISBN #: ---
Pages: ---
Contents: A Practical Wireless Specialist Reprint available from
IPC Magazines Ltd, Westover House, West Quay Road,
Poole, Dorset, BH15 1JG, England

=====
Basic Project Books
=====

Author: Doug DeMaw, W1FB
Title: W1FB's QRP Notebook, 2nd Ed.
Publisher: ARRL
Year: 1991
Cost: \$10.00
ISBN #: 0-87259-365-7
Pages: 179
Contents: Construction projects for QRP transmitters, receivers,
and accessories; most projects have circuit boards
available.

Author: Doug DeMaw, W1FB
Title: W1FB's Design Notebook: Practical Circuits for
Experimenters
Publisher: ARRL
Year: 1990
Cost: \$10.00
ISBN #: 0-87259-320-7
Pages: 198
Contents: Practical circuits that use readily available
components and hand tools.

Author: Bob Schetgen, KU7G, Ed.
Title: QRP Classics
Publisher: ARRL
Year: 1990
Cost: \$12.00
ISBN #: 0-87259-316-9

Pages: 274
 Contents: QRP projects from ARRL publications of the 15 years preceding publication of this book; transmitters, receivers, transceivers, accessories, most easy to build. Later printings include a design omitted in first printing.

Author: Doug DeMaw, W1FB, & Jay Rusgrove, W1VD, Eds.
 Title: Solid State Basics for the Radio Amateur
 Publisher: ARRL
 Year: 1978
 Cost: (out of print; check local libraries)
 ISBN #: ---
 Pages: 160
 Contents: A short course in semiconductors with practical projects for radio amateurs, with chapters on receiver and transmitters circuits, as well as basic linear and digital IC information.

Author: Michael Bryce, WB8VGE, Editor
 Title: The HW-8 Handbook
 Publisher: (Available from Kanga USA, Bill Kelsey, N8ET, 3521 Spring Lake Drive, Findlay, OH 45840)
 Year: 1991
 Cost: \$11.00
 ISBN #: ---
 Pages: 56
 Contents: A compilation of articles and modifications for the Heathkit HW-7, HW-8, and HW-9 transceivers.

Author: Rev. George Dobbs, G3RJV, Ed.
 Title: G-QRP Club Circuit Handbook
 Publisher: RSGB (Available from Kanga USA)
 Year: 1983
 Cost: \$12.00
 ISBN #: 1-872309-00-3
 Pages: ---
 Contents: A compilation of QRP circuits from the pages of SPRAT from 1974-1982; considered a classic.

Author: Ed Noll, W3QFJ
 Title: Solid State QRP Projects
 Publisher: MFJ
 Year: ---
 Cost: \$12.95
 ISBN #: ---
 Pages: ---
 Contents: 52 QRP projects using transistors, FETs, and ICs

without requiring extensive electronics knowledge.

Author: Phillippe Bajcik
Title: Reussir ses recepteurs toutes frequences (Successful receivers at all frequencies)
Publisher: ---
Year: 1994
Cost: 145 French francs
ISBN #: ---
Pages: ---
Contents: A combination of fundamental theory and construction projects that lean heavily on ICs such as the NE602/4/5 and the MC3362.

=====
Advanced Design and Text Books
=====

Author: Wes Hayward, W7ZOI, & Doug DeMaw, W1FB
Title: Solid State Design for the Radio Amateur
Publisher: ARRL
Year: 1986 (originally, 1977)
Cost: \$15.00
ISBN #: ---
Pages: 256
Contents: Advanced fundamentals of solid state design for RF circuitry needed for transmitters, receivers, and allied accessory and control circuits.

Author: Wes Hayward, W7ZOI
Title: Introduction to Radio Frequency Design
Publisher: ARRL
Year: 1994
Cost: \$30.00
ISBN #: 0-87259-492-0
Pages: 383
Contents: Fundamental methods of RF circuit design combining math and intuitive methods for practical applications. ARRL reprint of this 1982 Prentice-Hall publication includes software for solving various design problems.

Author: Chris Bowick
Title: RF Circuit Design
Publisher: Sams
Year: 1982
Cost: ---
ISBN #: 0-672-21868-2

Pages: 176
 Contents: Practical advanced approaches to the design of RF amplifiers, impedance matching networks, and filters, including Smith chart techniques.

Author: Doug DeMaw
 Title: Practical RF Design Manual
 Publisher: Prentice-Hall
 Year: 1982
 Cost: ---
 ISBN #: 0-13-693754-3
 Pages: ---
 Contents: A systematic treatment of designing practical RF solid state circuits

Author: Krauss
 Title: Solid State Radio Engineering
 Publisher: Bostian, Raab, Wiley
 Year: 1980
 Cost: ---
 ISBN #: 0-471-03018-X
 Pages: ---
 Contents: Considered a very good design book for RF solid state amplifiers

Author: Ulrich L. Rhode & T. T. N. Bucher
 Title: Communications Receivers: Principles and Design
 Publisher: McGraw-Hill
 Year: 1988
 Cost: \$59.50
 ISBN #: 0-07-053570-1
 Pages: 583
 Contents: Comprehensive engineering of receiver systems, their characteristics, and their stages, including coupling, amplification, mixing, frequency control, demodulation, and accessory circuits.

Author: Doug DeMaw
 Title: Ferromagnetic Core Design & Application Handbook
 Publisher: Prentice-Hall
 Year: 1981
 Cost: (out of print)
 ISBN #: 0-13-314088-1
 Pages: 256
 Contents: Fundamental information on core and inductors using ferrites and powdered iron mixes; rumors of reprint possibilities.

Author: Jerry Sevick, W2FMI
Title: Transmission Line Transformers, 2nd Ed.
Publisher: ARRL
Year: 1990
Cost: \$20.00
ISBN #: 0-87259-296-0
Pages: 247
Contents: The fundamental textbook on the theory, design, and construction of transmission line transformers.

Author: Jerry Sevick, W2FMI
Title: Building and Using Baluns and Ununs
Publisher: CQ Communications
Year: 1994
Cost: \$19.95
ISBN #: ---
Pages: ---
Contents: Construction and application of practical transmission line transformers based on a series of articles in CQ.

Author: Anatol I Zverev
Title: Handbook of Filter Synthesis
Publisher: Wiley
Year: 1967
Cost: ca \$100.00
ISBN #: 0-471-98680-1
Pages: ---
Contents: Considered the basic text on filter synthesis.

Author: Williams & Taylor
Title: Electronic Filter Design Handbook (LC, Active, and Digital Filters), 2nd Ed.
Publisher: McGraw-Hill
Year: 1988
Cost: ---
ISBN #: 0-07-070434-1
Pages: ---
Contents: A modern network theory approach to filter design covering a wide variety of filter types.

=====
General Reference Works
=====

Author: Many: Bob Schetgen, KU7G, General Editor
Title: The ARRL Handbook for Radio Amateurs
Publisher: ARRL

Year: 1995
Cost: \$30.00
ISBN #:
Pages: 1200+
Contents: A comprehensive reference ranging from basic electronic ideas through advanced amateur techniques; includes over 1000 drawings and photos, with many reference tables and charts; revised annually; completely rewritten for 1995

Author: William I. Orr, W6SAI
Title: Radio Handbook, 23rd Ed.
Publisher: Sams
Year: 1987
Cost: \$39.95
ISBN #: 0-672-22424-0
Pages: 600+
Contents: A basic reference (and successor to the Jones Handbook) of longstanding reputation on most facets of radio electronics for amateurs.

Author: RSGB
Title: Radio Communication Handbook
Publisher: RSGB
Year: 1982
Cost: \$35.00
ISBN #: ---
Pages: 600+
Contents: The respected British counterpart of US handbooks for radio amateurs containing broad coverage from basic concepts to practical circuits.

Author: Frederick E. Terman
Title: Radio Engineers' Handbook
Publisher: McGraw-Hill
Year: 1943
Cost: (out of print; see library or used book stores)
ISBN #: ---
Pages: 1019
Contents: "Essential theory, standards, practice, and data for the radio and electronics engineer;" a classic of fundamentals.

Message-Id: <199505221746.MAA04315@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: HamCom '95
Date: Mon, 22 May 1995 13:48:09 EDT

Gang,

In Arlington TX, which is located between Dallas and Ft Worth, on weekend of June 9-11th, HamCom will be held at the Arlington Convention Center near the Texas Rangers Ballpark.

The QRP ARCI and the NorTex club will have four tables in the flea market (inside) area, so be sure to come by and say hi.

There will also be two QRP Forums, one on Saturday a.m. and one on Sunday.

The reason for this posting is to let the QRP Clubs around the country know that if they are interested, please send me any fliers that you would like passed out at this large gathering in TX. Send them to my callbook address, 830 Waite Drive, Copper Canyon, TX 75067-8581. We will not be taking membership fees, they will have to send you the money, etc. Make sure that you have all the information on the flier for the interested parties to do this.

If it's cheaper, and I'll have to check on this and get back to you, you might consider just sending me a picture(s) of a dead president and a copy of what you want given out and I can get them printed here at Office Max, the cheapest place in Dallas that I've found.

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-l@lehigh.edu Mon May 22 19:28:18 1995
Message-Id: <95May22.152721edt.14523-2+107@hooch.CC.Lehigh.EDU>
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: Re: Header Info
Date: Mon, 22 May 1995 15:28:18 EDT

[...]

>

> Now it occurs to me that the Reply-to: field is simply a function or field
> and is probably programmable somewhere to equal the "From:" line. Needs the
> expert attention of the lehigh.edu guru.

Ed & Company,

We can certainly set the Reply-to: to the From: address. Because this is
a discussion list, I thought most people would want to reply to the list...

If there are no overwhelming objections, I'll go ahead and make the change.

/jim

From qrp-1@lehigh.edu Mon May 22 19:45:41 1995
Message-Id: <199505221942.MAA02125@netcom8.netcom.com>
From: rohrwerk@netcom.com (John Seboldt)
Subject: Re: Header Info
Date: Mon, 22 May 1995 15:45:41 EDT

> Ed & Company,
>
> We can certainly set the Reply-to: to the From: address. Because this is
> a discussion list, I thought most people would want to reply to the list...
>
> If there are no overwhelming objections, I'll go ahead and make the change.
>
> /jim

Personally, I like it to reply to the list. However, I can adjust to
majority preference, if it's possible to determine such a thing fairly :-)

: John Seboldt rohrwerk@netcom.com / CW: It don't mean a thing
: Amateur radio K0JD... / if it ain't got that swing!
: Church of the Annunciation, / Di dah, di dah, di dah, di dah...
: Minneapolis / (sorry, Duke!)

From qrp-1@lehigh.edu Mon May 22 20:36:47 1995
Message-Id: <2FC111A5@MSMAIL.INDY.TCE.COM>
From: Johnson Russ <JohnsonR@ind2.indy.tce.com>
Subject: Re: Header Info
Date: Mon, 22 May 1995 16:36:47 EDT

/jim writes:

> We can certainly set the Reply-to: to the From: address.

My vote is YES make the change. I can remember (sometimes) the list address but many times replies go to individuals when the info is not deemed relevant to the list.

Russ N9RJ
johnsonr@indy.tce.com

From qrp-1@lehigh.edu Tue May 23 03:55:30 1995
Message-Id: <01HQTLWT53629DE6KI@delphi.com>
From: BRUCE3900@delphi.com
Subject: Re: Header Info
Date: Mon, 22 May 1995 23:55:30 EDT

please oh please.

73

Bruce

From qrp-1@lehigh.edu Tue May 23 04:09:34 1995
Message-Id: <Pine.SUN.3.91.950522210138.15154D-1000000@crl8.crl.com>
From: H Smith <hbs@crl.com>
Subject: Re: Header Info
Date: Tue, 23 May 1995 00:09:34 EDT

On Mon, 22 May 1995, Jim Eshleman wrote:

>

> Ed & Company,

>

> We can certainly set the Reply-to: to the From: address. Because this is
> a discussion list, I thought most people would want to reply to the list...

>

> If there are no overwhelming objections, I'll go ahead and make the change.

>

> /jim

>

You asked for it.

Yes, I object, the current format works very well for me (using PINE) when I am responding to the list (like this post).

Anybody else?

Henry Smith (hbs@crl.com)

From qrp-l@lehigh.edu Mon May 22 16:26:44 1995
Message-Id: <9505221619.AA16211@us4rmc.pko.dec.com>
From: "N100Q Tom R. @ MR01" <randolph@pipa.enet.dec.com>
Subject: RE: Jackson Bros. 6020 Reduction Drives
Date: Mon, 22 May 1995 12:26:44 EDT

Yah, if anyone has a source for vernier drives, post to the list.
Air-variable caps don't even compare to these things as far as availability. I've seen maybe 10 total at the fleas last couple of years, and one guy had 5-6 of the 10! Nice ones, too.

From qrp-l@lehigh.edu Mon May 22 22:08:12 1995
Message-Id: <n1410960085.1161@msmailgw1.arlut.utexas.edu>
From: "rohre" <rohre@arlut.utexas.edu>
Subject: Jackson vernier drives source
Date: Mon, 22 May 1995 18:08:12 EDT

Tejas Technology had some of these drives. You will have to use snail mail to contact Bill Hickok, as he moved the business after last summer.

de Stuart K5KVH
rohre@arlut.utexas.edu

From qrp-l@lehigh.edu Mon May 22 18:12:54 1995
Message-Id: <n1410974159.54742@msmailgw1.arlut.utexas.edu>
From: "rohre" <rohre@arlut.utexas.edu>
Subject: Jay's Class D final, proposed circuit
Date: Mon, 22 May 1995 14:12:54 EDT

Saw JCoote's comments about a design to have a class D final, and I believe implied at least, was square wave drive.

The reply post pointed out very large capacitance for the fet that was being considered, which of course would slow things down, if you were charging all that input Capacitance, and then trying to switch off the drive, wouldn't it?

And if you had a square wave drive situation, would that not be harder to filter than Class C finals? Seems to me I remember having severe harmonic problems needing attenuation when dealing with a very sharp square drive signal. And the darn square wave can propagate around and get into things it should not in a circuit. One also has to have a power source that has enough capacity to supply a sudden demand in current, with decoupling to prevent a spike feeding back into the supply and getting to places where it causes a problem.

I think there was some discussion of Class D operation earlier in the year that ended with informed technical opinions pointing out it created more problems and complexity. It has some use in Audio where large continuous power is needed; but signalling modes like CW and SSB are pretty low duty cycle already. What does the group think in that context? INMHO, it is easier to filter and confine sine or sine-like signals to where you want them, than signals with square edges. It would be fun to have bonus payments for all the square waves that I have tracked down as causing strange cross-talk or interference problems!

Does anyone have an idea of how many filter sections such a final would need to produce clean signals to the antenna? This thread can generate much productive learning about tank circuit design to minimize harmonics and other circuit design issues. Thanks, Jay for getting us thinking along new design lines!

72,

Stuart K5KVH

rohre@arlut.utexas.edu

From qrp-1@lehigh.edu Mon May 22 20:35:42 1995
Message-Id: <199505222035.PAA04836@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: June 95 issue of CQ
Date: Mon, 22 May 1995 16:35:42 EDT

Gang,

I picked up the June 1995 issue of CQ magazine last

Thursday. This event unto itself is nothing world shattering.

I was interested in an article by M.A. (Mac) Chapman, KI6BP, titled "Build (and Use) A DX-Grade Six Meter Receiver.

He has a receiver capable of 0.15uV sensitivity on 6M and LOW NOISE floor and this with NE602s. I am trying to get time to go through it thoroughly. Anyone else already doing this? A lot of what is in the receiver we have seen before, but I'm interested in looking at his component values in each area to see if there might be some tricks hidden that we could apply to existing rigs.

Some have emailed to me inquiring about several other projects and their status. I just received Saturday the PostScript routines for the PCBoards software, thus should be able to soon post the PC Board layout for the Curtis Keyer using the 8044ABM with anti-burp circuit. Hopefully, FAR circuits can provide a cheap board and ultimately the NorCal club can provide their \$17 board + chip with the same layout. Time will tell.

Same on the 80X1 keyer board.

Hang loose gang.

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Mon May 22 18:08:39 1995
Message-Id: <9505221806.AA20381@baker.CSE.TEK.COM>
From: johnh@mdhost.cse.tek.com
Subject: Re: ladder line common sense
Date: Mon, 22 May 1995 14:08:39 EDT

What are the best solutions for lightning protection when using ladder line?

John K7SII

From qrp-1@lehigh.edu Mon May 22 18:26:20 1995

Message-Id: <heH8+VRBkjB@PAMDT.ANG.AF.MIL>
From: <CBAILEY@PAMDT.ANG.AF.MIL> (MSgt Cameron C.R. Bailey)
Subject: Re: ladder line common sense
Date: Mon, 22 May 1995 14:26:20 EDT

The only lightning protection I've seen for ladder line was a product sold by the "Wireman". It was a device made from spark plugs attached to a ground rod. Don't know how effective they are. I don't have one either. Anyone have experience with it?

Cam Bailey
SOGNET LAN Administrator (Banyan)
211 Engineering Installation Squadron
Fort Indiantown Gap (Annville) PA
DSN: 491-8737 Comm: 717-861-8737 FAX: 8268

From qrp-1@lehigh.edu Mon May 22 18:49:36 1995
Message-Id: <199505221848.NAA04443@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: Re: ladder line common sense
Date: Mon, 22 May 1995 14:49:36 EDT

John, K7SII, asks about ladder line protection from lightning.

I learned over the years and several replacement final PAs and NE602s that a test lead with two alligator clips applied across the line when not in use works the best for me. It's a pain to remember, but I have several times been reminded, thus it is a habit with me.

It is a cheap solution, but not fool proof.

Milage may vary.....

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Mon May 22 18:54:25 1995
Message-Id: <01HQT2VDA3LU8X019F@nova.wright.edu>
From: NYOUNG@nova.wright.edu
Subject: Re: ladder line common sense

Date: Mon, 22 May 1995 14:54:25 EDT

My favorite lightning hit protector for ladder line was a couple of old spark plugs screwed into a chunk of angle bar stock (I used steel 'cause I was nuts and enjoyed the horrific hassle of cutting, drilling and cutting threads in the junk) what gets bolted to the tower and has a hunk of braid line running to the 8 ft ground stake that went into the ground _outside_ of the concrete pad what the tower was sunk into. I never knew if it took a hit, but having those spark plugs in there sure looked like I knew what I was doing.

(Or: let's face it. If you are worried about keeping lightning hits out of your house, don't put up an antenna. One way or the other, if you put a wire into your house from anything that could possibly attract a lightning strike, you're asking for a lot of divine intervention. Give it a chance, lightning will get you. This computer, for instance, has been hit and rebuilt once. And it's only connection to any kind of lightning attractors is the 220 service drop and the telephone line. And the strike was about 1/4 mile away. So what do I do now? I unplug everything from this machine or anything attached to it: phone, power, everything. And that probably still isn't enough.) So there. Zot!

73

Nils

WB8IJN &c

From qrp-1@lehigh.edu Mon May 22 19:15:57 1995
Message-Id: <199505221913.MAA28800@netcom8.netcom.com>
From:rohrwerk@netcom.com (John Seboldt)
Subject: Re: ladder line common sense
Date: Mon, 22 May 1995 15:15:57 EDT

> What are the best solutions for lightning protection when using ladder line?
>
> John K7SII

Removing the feedline from the gear and grounding it in a storm :-)

Short of that, you can make a dual spark gap to ground from standoff insulators and pieces of metal where it enters your house.

And to keep static drained off, you can use some resistors to ground in the megohm range.

```
: John Seboldt rohrwerk@netcom.com / CW: It don't mean a thing
:      Amateur radio K0JD...      / if it ain't got that swing!
:      Church of the Annunciation, / Di dah, di dah, di dah, di dah...
:      Minneapolis                /      (sorry, Duke!)
```

From qrp-1@lehigh.edu Mon May 22 23:39:25 1995
Message-Id: <9505222333.AA00544@sun>
From: jokortge@sun.lisp.com (Jim Kortge, NU8N)
Subject: Re: ladder line common sense
Date: Mon, 22 May 1995 19:39:25 EDT

>What are the best solutions for lightning protection when using ladder line?

>

>John K7SII

>

>

Throw it (the line) out the window the first time you see one of those big sparks fly across the sky. I don't think any of the lightening protection systems works as well as not having the feedline attached to the rig!!

My \$.02 worth.....72 and GL

```
Jim Kortge, NU8N          |          Bicycle Mobile Hams
jokortge@lisp.com        |  __o          of America
Fenton, MI               | _`\  
... .. (*)/(*) . . . . .
```

From qrp-1@lehigh.edu Tue May 23 00:11:12 1995
Message-Id: <Pine.3.89.9505221929.A543439541-01000000@utkvx.utk.edu>
From: cebik@UTKVX.UTCC.UTK.EDU
Subject: Re: ladder line common sense
Date: Mon, 22 May 1995 20:11:12 EDT

On Mon, 22 May 1995 johnh@mdhost.cse.TEK.COM wrote:

> What are the best solutions for lightning protection when using ladder line?

John:

My solution, whether coax or ladder line, is total separation out of doors, with the feedline grounded. I have a post in the ground (not as good as a long ground rod) with a plate and various connectors that short and ground the feedlines. Within limits, what does get indoors does not hurt what's indoors, be it lightning or bears.

For similar reasons, whenever the rig is off, the station undergoes a total disconnect from the outside world. AC is unplugged (not merely switched). Antenna connectors, rotor connectors, and ground connector are all disconnected. The rigs are all like they were in their boxes. In good wx, I just disconnect indoors, but whenever there is a T-storm threat, the outdoor disconnects-grounds are also worked.

I do not trust switches to ground: whatever the test results, I trust them only for grounding static buildup. Lightning arrestors, in my mind, are for emergency operations when I must be on the air during a storm--which is somewhere between rarely and never.

Is this too much trouble to go to? Well, to protect a couple of kilobucks of equipment and many times that in the house cost, I'll go to that trouble--and more to protect family members. The extra minute of setup is low enough insurance cost.

Commercial stations that must stay on in all kinds of wx need all the protective gear they can get their hands on. Ham stations with the option of shutting down in threatening wx have a better deal: they can disconnect and ground everything out of doors and disconnect and isolate everything indoors. Then I go watch the display of nature through the window while monitoring the 2-meter wx net (with a battery-powered rig, of course and whip antenna).

For what its worth (no lightning-induced damage in 40+ years), that is my perspective on your short but very serious question.

-73-

LB, W4RNL

From qrp-1@lehigh.edu Tue May 23 03:48:45 1995

Message-Id: <01HQTL0HBPLK9DE6KI@delphi.com>

From: BRUCE3900@delphi.com

Subject: Re: ladder line common sense

Date: Mon, 22 May 1995 23:48:45 EDT

Nils,

You can't be sellin that common sense stuff on this list!

73,

The guy who almost bought your radio!

Bruce

From qrp-1@lehigh.edu Mon May 22 12:36:17 1995

Message-Id: <Pine.3.89.9505220815.A543478579-01000000@utkvx.utk.edu>

From: cebik@UTKVX.UTCC.UTK.EDU

Subject: little help, please: chassis base

Date: Mon, 22 May 1995 08:36:17 EDT

I am looking for a supplier who carries (old fashioned?) chassis bases and bottom covers out of aluminum--specifically, 7x9x2 inches. Need both the base and the cover. Bud and LMB both used to make them. If Chuck's 2.5" thick cases came in 7x9, that would be great, but I hear they are 5x6 or so.

Any replies to me, direct, please. I'll summarize for the net when all are received (assuming there are some).

My thanks in advance.

-73-

LB, W4RNL

cebik@utkvx.utk.edu

From qrp-1@lehigh.edu Mon May 22 14:17:31 1995

Message-Id: <950522101530_127024990@aol.com>

From: N5EM@aol.com

Subject: Re: little help, please: chassis base

Date: Mon, 22 May 1995 10:17:31 EDT

LB,

I have a source for them in Houston. It is our own gold mine store for the experimenter and builder. Unfortunately, the fellow who runs the store isn't really interested in mail order business. If you have trouble finding what you want, I could check there and mail it to you. If you'd like to call

him, the proprietor is Alex Stralinski, WA5UHT. His store is called City Electronics Supply and the phone number is (713) 663-6066. And, if you ever get to Houston, you just gotta get by this place. Bring money! Open Monday through Friday, and is located in Bellaire, Texas, just to the southwest of Houston.

72,
Ed
n5em@aol.com

From qrp-1@lehigh.edu Mon May 22 16:04:18 1995
Message-Id: <9505221603.AA03239@rgfn.epcc.Edu>
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: Re: little help, please: chassis base
Date: Mon, 22 May 1995 12:04:18 EDT

for additional info of the net, Alex, Wa5UHT also makes quality
BUG CATCHER mobile antennas and parts. Ray, W5XE, af852@rgfn.epcc.Edu

From qrp-1@lehigh.edu Mon May 22 19:04:38 1995
Message-Id: <9505221903.AA14495@garnet.inel.gov>
From: LVE1@inel.gov (Larry East)
Subject: Mail headers and such
Date: Mon, 22 May 1995 15:04:38 EDT

>On Mon, 22 May 1995, Jim Larsen wrote:

>

>> This new listserv does not pass on the email address of the sender. This
is not

>> good.

>>

>> Is there a way to fix this?

>>

>> The author needs to be K7SII, not qrp-1.

>>

>> WATSA?

>>

>> 73,

>>

>> Jim Larsen
>> AL7FS
>
>My mail reader shows who it's from and who to reply to.
>The reply to is qrp-1. The from is really who it's from.
>
>I just have to remember to not use the reply to option.
>
>73, Ron, dah, dah (I'm three times slower than Chuck)
>

Not all mail utilities show all (or even any) header info; in such cases, one is not sure where "reply's" will be sent!

I suspect that the way the present list server sets up message headers will result in a lot of "private" mail going out to the entire list. Is there any way that it can be changed so that the "from" and "reply to" are both the originator of the note?

(This should really go to the list administrator and not the whole list, but can't find what I did with the info...)

72, Larry W1HUE/7
LVE1@in1.gov

From qrp-1@lehigh.edu Mon May 22 19:34:01 1995
Message-Id: <9505221917.AA04961@dora.auc.trw.com>
From: bhickey@auc.trw.com (Bill Hickey)
Subject: Re: Mail headers and such
Date: Mon, 22 May 1995 15:34:01 EDT

>>On Mon, 22 May 1995, Jim Larsen wrote:
>>
>>> This new listserv does not pass on the email address of the sender. This
>>> is not good.
>>>
>>> Is there a way to fix this?

>>My mail reader shows who it's from and who to reply to.
>>The reply to is qrp-1. The from is really who it's from.

> Not all mail utilities show all (or even any) header info; in such cases,

> one is not sure where "reply's" will be sent!
>
> I suspect that the way the present list server sets up message headers will
> result in a lot of "private" mail going out to the entire list. Is there
> any way that it can be changed so that the "from" and "reply to" are both
> the originator of the note?

Actually, LISTPROC can be configured to provide the "reply to" header for the originator, but as to the originator, it will stay as qrp-1 due to the way it is written. The issue of reply-to is an administrator controlled piece, and LISTPROC documentation is NOT known to be clear, concise, and readable. I run about 30 lists with LP 6.0 in the Boulder Valley School District, and once up and running, they're pretty painless. Until you get them going, they can be a real bear though. Let's give the list a chance to settle in.

FYI, unless this is totally unlike any other list arrangement, if you want to communicate with the "administrator", you should address mail to "LISTMAST" or "LISTMASTER", but the info says to contact either

Jim Eshleman (lujce@Lehigh.edu) or
Chuck Adams (adams@sgi.com)

73,
Bill
WA5FXE
hickeyb@bvsd.k12.co.us
bhickey@dora.auc.trw.com

From qrp-1@lehigh.edu Tue May 23 02:05:24 1995
Message-Id: <Pine.3.89.9505222149.B24170-01000000@world.std.com>
From: howie cahn <wb2cpu@world.std.com>
Subject: More INET radio thoughts (longish)
Date: Mon, 22 May 1995 22:05:24 EDT

Once again the subject of designing an INET radio has come up and everyone has different ideas about what it should be. The first question is: simple vs. complex, or, what level of performance and how many bells and whistles should it have? I can sympathize with those who are worried or intimidated by things getting too complicated. But to me the basic 602-based, single-conversion architecture has already been explored pretty thoroughly and there a lot them out there to choose from. The Littlefield/Burdick/Benson radios are fine but there isn't that much more that can be done along those lines. Besides, these

guys have shown us that a radio like this can be designed quite well by an individual -- so there's no need to get a whole group involved. If we did want to go for a variation on this theme, I'd suggest something using one of the new generation receiver-on-a-chip ICs, like the Analog Devices AD607. Using a 607 would produce a radio with a few less parts, be a little smaller, and have a little better performance. Still, we're talking about basically the same kind of radio and I'd like to move beyond it.

As time goes on, fewer and fewer hams build, modify or repair their own equipment. Granted, many of them have no interest in doing so, but for some, there's another reason. The kind of radios that are offered as what you can home brew just don't have the performance and features of commercial stuff. Even among QRPers, if you look at the results of the ARCI and Mi-QRP contests and read what equipment people use in them, you'll see that the overwhelming majority of us use non-homebrew radios. I'd like there to be a homebrew radio design that I could show to my friends who are DXers, contesters, digital mode or satellite people as something they could use instead of having to buy a commercial transceiver.

If you're still with me the next questions are "How do you build such a radio?" and "What kind of technology is required; can you do it with all analog components or do you need digital stuff like DSP, PLLs, DDS, and some kind of processor to control them?"

You can certainly build an all-analog radio with good basic performance; like the Rick Campbell R2 and some of the Wes Hayward projects. But I have two problems with them. First of all, they don't have the usability features that most hams would consider necessary these days -- things like digital readouts, memories, passband tuning, etc. The second is that they tend to be too complicated for most people to successfully build. Look at the R2 article in QST. It goes on for several pages with schematics of IF and audio amps made from discrete transistors, phase shift networks that need matched components, etc. -- and you still need a LO frequency source, a power splitter, and an input network to get a minimum receiver.

I think the way to reduce the complexity and add the nice features is to use integrated components, build in a modular fashion, and use processor-controlled, digital techniques.

Processor-controlled doesn't necessarily mean an external computer. The objection to needing a \$1000 computer to use a \$50 radio is valid if either you (a.) don't already have a suitable computer or (b.) you have one but your kids want to use it for playing games while you want to use it for hamming. A simple microcontroller, along with an LCD display and keypad and/or knob on a shaft encoder, could control the digital stuff and give you a front panel something like what's on the Index QRP+.

Still, in most cases, why not use a PC? It has:

- a. a much more powerful processor than a microcontroller,
- b. internal resources like RAM, disk drives, sound cards, etc that can be incorporated as part of the radio functionality,
- c. user-interface components; the screen, keyboard, mouse, etc., that can be configured as you want to replace the knobs, meters, and displays on a physical radio panel. It's user programmable -- you can change it's operation to suit your preferences or the desired functionality.

There is a dedicated computer in most ham shacks today for things like logging, satellite tracking, and browsing the I-net anyway. Why not take advantage of it as part of your radio.

As Paul, AH6NU, suggested, a reasonable way to build a group project is to define some interconnect standards and let people contribute the pieces of the radio they want to design and build. Your complete radio would be some mix-and-match combination of these pieces. If we could get the standard to catch on then manufacturers would design modules to those standards. Your radio could be, say, partly built from modules you designed, part built from kits, and part assembled modules. Paul's example of the PC as a conceptual model is a good one. What IBM did right 15 years ago was defining the machine based on an open standard that let others participate. As a result you can go into any city in the world and buy say, a PC I/O card, and it will be cheap because of the competition of the worldwide market.

Using the actual PC motherboard slots may not be the best interconnect standard for a radio, though. For one thing, PC cards and associated additional connectors required are relatively expensive, and the number of free slots are limited. Also, inside the computer isn't the best RF environment. What I've been thinking of lately is a combination of stuff inside the machine, along with some kind of external box or chassis. One thing I would do inside the PC is to use a commercial sound card for audio. There's a group of sound cards, made by several manufacturers, based on what's called the PSA chip set. These are compatible with SoundBlaster cards but have a user-programmable DSP chip. KC7WW had an article in QEX about them last year. With one of these cards, in addition to basic audio output and filtering and the kind of interference suppression only obtainable with DSP you could get: AGC, demodulators for the digital modes, SSTV, WEFAX, etc., SSB generation (if used with a DDS with quadrature outputs), and much more. All this and your kids (or you) can use the board for computer games too!

72... howie
wb2cpu@world.std.com

From qrp-1@lehigh.edu Tue May 23 02:45:38 1995
Message-Id: <Pine.SUN.3.90.950522193348.27180B-100000@nimbus>
From: Monte Stark <ku7y@sage.dri.edu>
Subject: Re: More INET radio thoughts (longish)
Date: Mon, 22 May 1995 22:45:38 EDT

I think Howie makes some good points.

QRP doesn't mean that it has to be small, battery powered
and limited in features.

The more I think about it, the more I believe that a good,
computer controlled, contest grade radio is the goal that
should be made.

Gee, ain't this fun????

73, Ron, dah, dah (I'm three times slower than Chuck)

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Sun Valley, Nevada....
.....ARRL.....NorCal #330.....NRA LIFE.....

From qrp-1@lehigh.edu Mon May 22 07:38:38 1995
Message-Id: <Pine.3.89.9505212327.A1404-0100000@netcom15>
From: Alan Kaul <kaul@netcom.com>
Subject: My Small Wonder 30
Date: Mon, 22 May 1995 03:38:38 EDT

Hiya Gang .. I just finished the NN1G SW-30 tonight, stuffed it neatly
into the box which Chuck told us all about a couple of weeks ago, and
tuned 'er up. Freq appears to be 10.102-10.131 using 27 turns on the VFO
coil (first I tried 26, taking the advice from many posters to this
list---but it was oscillating at about 10.180; and compressing the turns
only got it down to about 10.160). I pulled the coil and soldered an
extra turn (not as neat at 27 turns with no seams -- but it works!!).
Then it oscillated at about 10.080, so I uncompressed the turns and got it
up to 10.102, CLOSE ENOUGH. I peaked the coils and tuned across the band and
copied enough signals to know the receiver was working -- KH6J0I working
K6DDO, and AL7JF talking to WA6DFA. I soldered up the rear panel
connectors and at 2330 local time (0630Z) I tuned around looking for a
contact and found the band was dead. What a bummer!!!

I doubled checked 30M on the IC-725 just to make sure the

band really was dead. I tuned up the xmtr (first into a dummy load) and then put it on the A3-Yagi with the 30M rotatable dipole at 42-feet. I found the rig tended to motorboat when I adjusted the drive for maximum power. It seemed to purr at about 1W out on the old Daiwa QRP powermeter. Anything more than that and 1) it would lose the sound of the 'clean' beat note when I keyed it, and 2) the monitor sound of the keyed CW would become pretty raspy.

Using the 50 ohm dummy load with a 1N4148 and the .01 CAP to ground Dave NN1G described in the manual, I measured the DC voltage from the diode and found I could increase the drive to put out about 10.0 V before the raspiness returned. Dave suggested 12V so I'm in the ball park. Maybe one of you might have experienced something similar and has some ideas on what -- if anything -- might be wrong. It might, however, just be a case of overdriving ... Dave warns about that in his tuneup recommendations, but he also said I ought to be able to get 1.5 Watts out (that is 150 percent of what I'm getting).

The final in my rig is a 2N3553. I'm running at at about 12.6 V (when the battery is fully charged it puts out about 13.5V at 4AH) from a NiCad pack. Anyway, it does seem to work. I'll take it to the office one day this week and put it on some of the toys and see what Messrs Hewlett and Packard have to say about it. I'll get back to you with a report. I must say Dave did a nice job on the design and the kit -- I was only missing one part, but found a replacement in the junkbox. It is a spiffy little rig and I'm looking forward to June and the CRAPS (Chuck's Radio Amateur Propagation Study). See you on the radio,
73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

From qrp-1@lehigh.edu Mon May 22 12:04:27 1995
Message-Id: <95052208000440076@chowda.com>
From: bob.berlyn@chowda.com (Bob Berlyn)
Subject: My Small Wonder 30
Date: Mon, 22 May 1995 08:04:27 EDT

K>From: Alan Kaul <kaul@netcom.com>

K> I found the rig tended to motorboat when I adjusted the
K>drive for maximum power. It seemed to purr at about 1W out on the
K>old Daiwa QRP powermeter. Anything more than that and 1) it would

K>lose the sound of the 'clean' beat note when I keyed it, and 2) the
K>monitor sound of the keyed CW would become pretty raspy.

K>

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K>ground Dave NN1G described in the manual, I measured the DC voltage
K>from the diode and found I could increase the drive to put out about
K>10.0 V before the raspiness returned. Dave suggested 12V so I'm in
K>the ball park. Maybe one of you might have experienced something
K>similar and has some ideas on what -- if anything -- might be wrong.
K>It might, however, just be a case of overdriving ... Dave warns about
K>that in his tuneup recommendations, but he also said I ought to be
K>able to get 1.5 Watts out (that is 150 percent of what I'm getting).
K>

Alan and gang,

My NE-QRP 30/40 (same rig, I think) does about the same thing. I thought
the same as you, it's in the ball park so who cares. But deep down
inside it makes me crazy when I can't make it do what the guy that
designed it says it will.

If you find anything out could you post it on the list , or directly to
me. Thanks

Bob

* CMPQwk 1.4 #2032 * Bob Berlyn N1PWU

Bob.Berlyn@Chowda.Com

From qrp-1@lehigh.edu Mon May 22 17:36:44 1995

Message-Id: <950522133156_127770131@aol.com>

From: PDouglas12@aol.com

Subject: Re: My Small Wonder 30

Date: Mon, 22 May 1995 13:36:44 EDT

I am building the SWL80 and also have an "old" NN1G Mark II for 80. The Mark
II only puts out .75 watts, which I have been living with, intending to
replace the final (2N3553) in the hopes that is the trouble. So I too am
interested in any results of the inquiry on the low output from SWL rigs.
Preston WJ2V

From qrp-1@lehigh.edu Mon May 22 14:00:14 1995

Message-Id: <199505221359.IAA03417@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: Pictures on ncc1701.d
Date: Mon, 22 May 1995 10:00:14 EDT

Gang,

Just got on the Internet and looking at the pictures taken at Dayton by Jerry Sy, AA3KN, and posted on Steve Hideg's server.

Did you note that picture of the bus terminal at Hara Arena is a very rare photograph? It shows the sun shining in Dayton OH during Hamvention!

For those of you interested, the last two photos of the Dave Benson's NN1G rig are with the new case.

FYI

dit dit

p.s. Good pics Jerry and thanks for sharing.

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-l@lehigh.edu Mon May 22 20:48:40 1995
Message-Id: <1995May20.104300.20947@wb3ffv.ampr.org>
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Problem with replies?
Date: Mon, 22 May 1995 16:48:40 EDT

I did not address this message to QRP-L, but it's going out there anyhow. I am actually typing this after using the R(eply) command on my local host, and then changing the subject line. I am R(eply)ing to a message from John Seboldt, but the R(eply) function addresses it to QRP-L. In the full header of his incoming message, he is shown as the FROM, but there is a REPLY TO block which has QRP-L@LEHIGH.EDU. It's too soon to tell if this is an idiosyncrasy of the new home we are at, or perhaps my home system, but all I know is that this never happened when we were at think.com or netcom.com. It may also vary from system to system; in any event, if you are sending a reply to someone using the R(eply) or similar function, watch the screen very carefully to see if it is sending the message to that persons address or to QRP-L. (I

just sent a posting to the entire net which was, I thought, just a reply to Bob Smith. Fortunately, it didn't contain anything I would be embarrassed to have in a public posting :-).) 73 and Queue Our Pea
DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Tue May 23 03:46:28 1995
Message-Id: <9505230339.AA03177@deneb.csustan.edu>
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: QRP Gear 4-Sale
Date: Mon, 22 May 1995 23:46:28 EDT

I have the following equipment for sale.

- 1 HW-9 Heathkit Transceiver with Warc Bands, Power Supply, Matching QRP Wattmeter and Tuner. \$325, I ship. This unit is exceptionally clean and would be mint except that the original power connector has been replaced with an amphenol heavy duty one.
- 1 HW-8 Heathkit QRP Transceiver. Guys this one looks like it just came out of the box. Beautiful condition. The cleanest one that I have ever seen. \$150 with power supply.
- 1 HW-8 Heathkit QRP Transceiver. Very good condition. \$125 With Power supply.
- 1 HW-7 Heathkit QRP Transceiver. Very good condition. If you are collecting QRP gear, this is the one. \$100
- 1 HW-7 Heathkit QRP Transceiver. Well, this one doesn't work. It is all there, but there is some evidence of failing a smoke test. (Grin) \$50.

I will ship all rigs and pay shipping to US. You can send email if you are interested.

The reason I am selling is that I never use this stuff, it is gathering dust, and I need to make some room for some more HB projects.

72, Doug KI6DS

From qrp-1@lehigh.edu Mon May 22 18:56:39 1995
Message-Id: <heH8+NtBkjB@PAMDT.ANG.AF.MIL>
From: <CBAILEY@PAMDT.ANG.AF.MIL> (MSgt Cameron C.R. Bailey)
Subject: re: Re: Computer Logging
Date: Mon, 22 May 1995 14:56:39 EDT

You mean you make enough contacts that you need a computer??

Just kiddin....

I use a sheet of paper for small sprint type contests.
For the big ones I use a dupe sheet or index cards in a file box.

Most of my contests are done from the field.

72 de kt3a

Cam Bailey
SOGNET LAN Administrator (Banyan)
211 Engineering Installation Squadron
Fort Indiantown Gap (Annville) PA
DSN: 491-8737 Comm: 717-861-8737 FAX: 8268

From qrp-1@lehigh.edu Tue May 23 05:34:18 1995
Message-Id: <199505230532.WAA08960@mail.netcom.com>
From: "Stan Goldstein, N6ULU" <stan@cruzio.com>
Subject: Re: ready for 30 meters !
Date: Tue, 23 May 1995 01:34:18 EDT

Finally got the sierra on 30 meters.
Had to put a keyer in it first.
Had to get through tax season before that.
Had to do all those chores and Honeydo's after that.
Had to help WA6HHQ bring home a new tower too.
(Watch out Randy Rand, Eric now has 80 countries
with his norcal 40 .)
Built the 30 m band nodule over the past 2 weeks.
(It should take about 1-2 hours including winding all
8 toroids , but kept getting interrupted .)

Tuned right up to around 2 watts. very easy.
See the group on 30 meters.

--

72.25 (I still use high power when I need it)
Stan Goldstein , N6ULU

From qrp-1@lehigh.edu Mon May 22 19:22:33 1995
Message-Id: <199505221920.MAA29696@netcom8.netcom.com>
From: rohrwerk@netcom.com (John Seboldt)
Subject: Reply address?
Date: Mon, 22 May 1995 15:22:33 EDT

> This new listserv does not pass on the email address of the sender. This is not
> good.
>
> Is there a way to fix this?
>
> Jim Larsen
> AL7FS
> Anchorage, Alaska
> jlarsen@alascam.com

I have often wondered why ELM on my end replies differently to different
lists. This one replies to the list now, but it used to reply to the
poster. My default reply on all my other lists is to the list.

In any case, after finishing the message, I always have the option of going
back and editing any mail header field before sending it. And also, if no
address shows up in the poster's sig, I can show the full mail header, which
has the poster.

Interesting problem, one that hasn't annoyed me personally, but as long as
somebody raised the issue, I do hereby pose the question. Inquiring minds
want to know...

: John Seboldt rohrwerk@netcom.com / CW: It don't mean a thing
: Amateur radio K0JD... / if it ain't got that swing!
: Church of thye Annunciation, / Di dah, di dah, di dah, di dah...
: Minneapolis / (sorry, Duke!)

From qrp-1@lehigh.edu Mon May 22 20:50:08 1995
Message-Id: <1995May20.215828.9021@wb3ffv.ampr.org>

From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: Reply warning
Date: Mon, 22 May 1995 16:50:08 EDT

Yes, Jeff Herman, you are quite right--I'm glad to see it's not just me. This is not a message to the net, this is a reply to your posting today on the same subject. I posted a comment to the net about it too, though it hasn't made it back here, but we must be very careful when replying to a message--under the new system, a reply is automatically sent to the entire list, not to the individual. If we want a private reply, it looks like we will have to deliberately address it to them by hand instead of using the automatic reply function. If anyone takes a poll on this, please put me down FOR disabling this reply-to-everyone feature!!! 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-l@lehigh.edu Mon May 22 18:26:29 1995
Message-Id: <Pine.SUN.3.91.950522132228.7566B-1000000@ncrsun1>
From: Kevin Anderson <anderson@ncrsun1.ncr.usace.army.mil>
Subject: Re: Re[2]: ladder line common sense
Date: Mon, 22 May 1995 14:26:29 EDT

On Mon, 22 May 1995, Jim Larsen wrote:

> This new listserv does not pass on the email address of the sender.
> This is not good.
>

Hmmmm. My guess is that the error (if one exists) is at the reader's end and limitations in the mail reader, as when I read the list mail using Pine (3.91) on my unix sun computer, I see both a From: and Reply-to: fields. The From is set to the poster, and the reply-to is set to the list address. Pine gives me the option to pick which to go back too, plus both if I chose (as I did this time).

So, Hmmmmmm.... Cheers/73. Kevin, KB9IUA

Kevin L. Anderson, CENCR-PD-W, U.S. Army Corps of Engineers
Rock Island District Office, Planning Div.-Waterway Systems

Rock Island, Illinois 61204-2004, USA phone:(309) 794-5586
e-mail: anderson@ncrsun1.ncr.usace.army.mil

Opinions expressed here are my own and do not represent the
U.S. Army Corps of Engineers or the Federal Government.

From qrp-1@lehigh.edu Mon May 22 18:29:14 1995
Message-Id: <Pine.SUN.3.90.950522112501.24561B@nimbus>
From: Monte Stark <ku7y@sage.dri.edu>
Subject: Re: Re[2]: ladder line common sense
Date: Mon, 22 May 1995 14:29:14 EDT

On Mon, 22 May 1995, Jim Larsen wrote:

> This new listserv does not pass on the email address of the sender. This is not
> good.
>
> Is there a way to fix this?
>
> The author needs to be K7SII, not qrp-1.
>
> WATSA?
>
> 73,
>
> Jim Larsen
> AL7FS

My mail reader shows who it's from and who to reply to.
The reply to is qrp-1. The from is really who it's from.

I just have to remember to not use the reply to option.

73, Ron, dah, dah (I'm three times slower than Chuck)

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Sun Valley, Nevada....
.....ARRL.....NorCal #330.....NRA LIFE.....

From qrp-1@lehigh.edu Mon May 22 19:51:52 1995

Message-Id: <199505221950.PAA00955@jfwhome.funhouse.com>
From: "John F. Woods" <jfw@jfwhome.funhouse.com>
Subject: Re: Re[2]: ladder line common sense
Date: Mon, 22 May 1995 15:51:52 EDT

> This new listserv does not pass on the email address of the sender.

A careful look at the headers of this particular message indicates that it does, indeed pass on the email address of the sender:

> From: "Jim Larsen" <jlarsen@alascom.com>

What it also does is to set the "Sender:" to qrp-1@lehigh.edu (very bad, this will cause mail delivery problems to go to the list), and "Reply-To:" to qrp-1@lehigh.edu (which causes mail readers to reply to, well, you know :-). It also adds an Originator: line, whose meaning I don't recall offhand.

It should leave off the Reply-To header, and insert a Sender field that points to someone who maintains the list.

From qrp-1@lehigh.edu Mon May 22 18:44:36 1995
Message-Id: <9504228011.AA801164552@mailrouter.alascom.com>
From: "Jim Larsen" <jlarsen@alascom.com>
Subject: Re[4]: ladder line common sense
Date: Mon, 22 May 1995 14:44:36 EDT

Ok, let's approach this another way. Are there any other ccMail users out there that now, no longer can *see* the from field in their ccMail? I know that I cannot. I will try to contact our ccMail administrator, but any clues from those "in the know" would be appreciated.

73,
Jim Larsen
AL7FS
jlarsen@alascom.com

-----_Forward Header_-----
Author: To: Kevin Anderson <anderson@ncrsun1.ncr.usace.army.mil> at
Internet-Mail
Subject: Re[4]: ladder line common sense
05-22-95 10:33 AM

Kevin,
When we were on netcom.com, there was no problem. We have changed nothing here at the company, so my natural knee jerk is to suspect the new software version

of the listserv. I recall one posting that said it was different from the old listserv. I guess in this case it may, just may, have affected the *from* field for me.

We shall see. :-)

73,
Jim

-----Reply Header-----

Author: Kevin Anderson <anderson@ncrsun1.ncr.usace.army.mil>
Subject: Re: Re[2]: ladder line common sense
05-22-95 10:25 AM

On Mon, 22 May 1995, Jim Larsen wrote:

> This new listserv does not pass on the email address of the sender.
> This is not good.
>

Hmmmm. My guess is that the error (if one exists) is at the reader's end and limitations in the mail reader, as when I read the list mail using Pine (3.91) on my unix sun computer, I see both a From: and Reply-to: fields. The From is set to the poster, and the reply-to is set to the list address. Pine gives me the option to pick which to go back too, plus both if I chose (as I did this time).

So, Hmmmmm.... Cheers/73. Kevin, KB9IUA

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e-mail: anderson@ncrsun1.ncr.usace.army.mil

Opinions expressed here are my own and do not represent the
U.S. Army Corps of Engineers or the Federal Government.

> From qrp-1@lehigh.edu Mon May 22 11:22:04 1995
> Reply-To: qrp-1@lehigh.edu
> Originator: qrp-1@lehigh.edu
> Sender: qrp-1@lehigh.edu
> From: "Jim Larsen" <jlarsen@alascom.com>
> To: Multiple recipients of list <qrp-1@lehigh.edu>
> Subject: Re[2]: ladder line common sense
> X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
> X-Comment: Low Power Amateur Radio Discussion

73, Ron, dah, dah (I'm three times slower than Chuck)

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
...ku7y@sage.dri.edu.....Sun Valley, Nevada....
.....ARRL.....NorCal #330.....NRA LIFE.....

From qrp-1@lehigh.edu Mon May 22 11:14:54 1995
Message-Id: <"Macintosh */PRMD=MOT/ADMD=MOT/C=US/"@MHS>
From: Jim_Wilson-EJW012@email.mot.com
Subject: Siliconix U310 info needed
Date: Mon, 22 May 1995 07:14:54 EDT

Can anyone provide base diagram information for the Siliconix U310 FET?
Thanks, jim

Jim Wilson
phone: 305-723-4532; fax: 305-723-5064
email: EJW012@email.mot.com

From qrp-1@lehigh.edu Mon May 22 13:16:32 1995
Message-Id: <199505221315.IAA03123@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: Re: SUBSCRIBE QRP-L Bob Smith N3FTU
Date: Mon, 22 May 1995 09:16:32 EDT

Mike C. points out the new RECIPIENTS command. Be sure to try it.

One of the things that you have to do is when subscribing give your full name and your CALL. This information was not always available on the old list. I found that many times I got email from someone that 1. did not have their name on their account, thus all I got was an esoteric number and 2. did not have any info in their signature file.

Hope you all find the response time much better. I know that I've gotten back postings now in less than 15 minutes.

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Tue May 23 03:50:53 1995

Message-Id: <01HQTLQ1B9M69DE6KI@delphi.com>

From: BRUCE3900@delphi.com

Subject: Re: Suggestions for use of new server

Date: Mon, 22 May 1995 23:50:53 EDT

Stuart,

Personally I don't care for this one feature of the new server. It makes the mail look too much like message from Big Brother. Also its nearly impossible to follow a thread this way. It needs to change.

Bruce